

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009247.D
 Acq On : 29 Dec 2019 02:28
 Operator : JU
 Sample : K6278-04DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C46DL

Manual Integrations
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mohammad
 12/29/2019 5:33:38 PM

Quant Time: Dec 29 06:01:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2771	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	5191	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10348	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	8152	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8386	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	424	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	833	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.31	128	1723	0.057	ng/ul#	91
5) 2-Methylnaphthalene	11.93	142	1021	0.045	ng/ul	99
7) Acenaphthylene	13.86	152	2712	0.099	ng/ul#	94
9) Fluorene	15.19	166	772	0.031	ng/ul#	93
12) Phenanthrene	16.93	178	14481	0.402	ng/ul	99
13) Anthracene	17.02	178	3370	0.104	ng/ul	95
15) Fluoranthene	18.95	202	37727	0.917	ng/ul	99
17) Pyrene	19.32	202	31893	0.767	ng/ul	99
18) Benzo(a)anthracene	21.07	228	18017	0.498	ng/ul	97
19) Chrysene	21.12	228	18726	0.515	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	23283m	0.595	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	8583m	0.217	ng/ul	
23) Benzo(a)pyrene	23.12	252	14401	0.420	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	10401	0.278	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	2735	0.092	ng/ul#	68
26) Benzo(a,h,i)perylene	25.93	276	8057	0.256	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

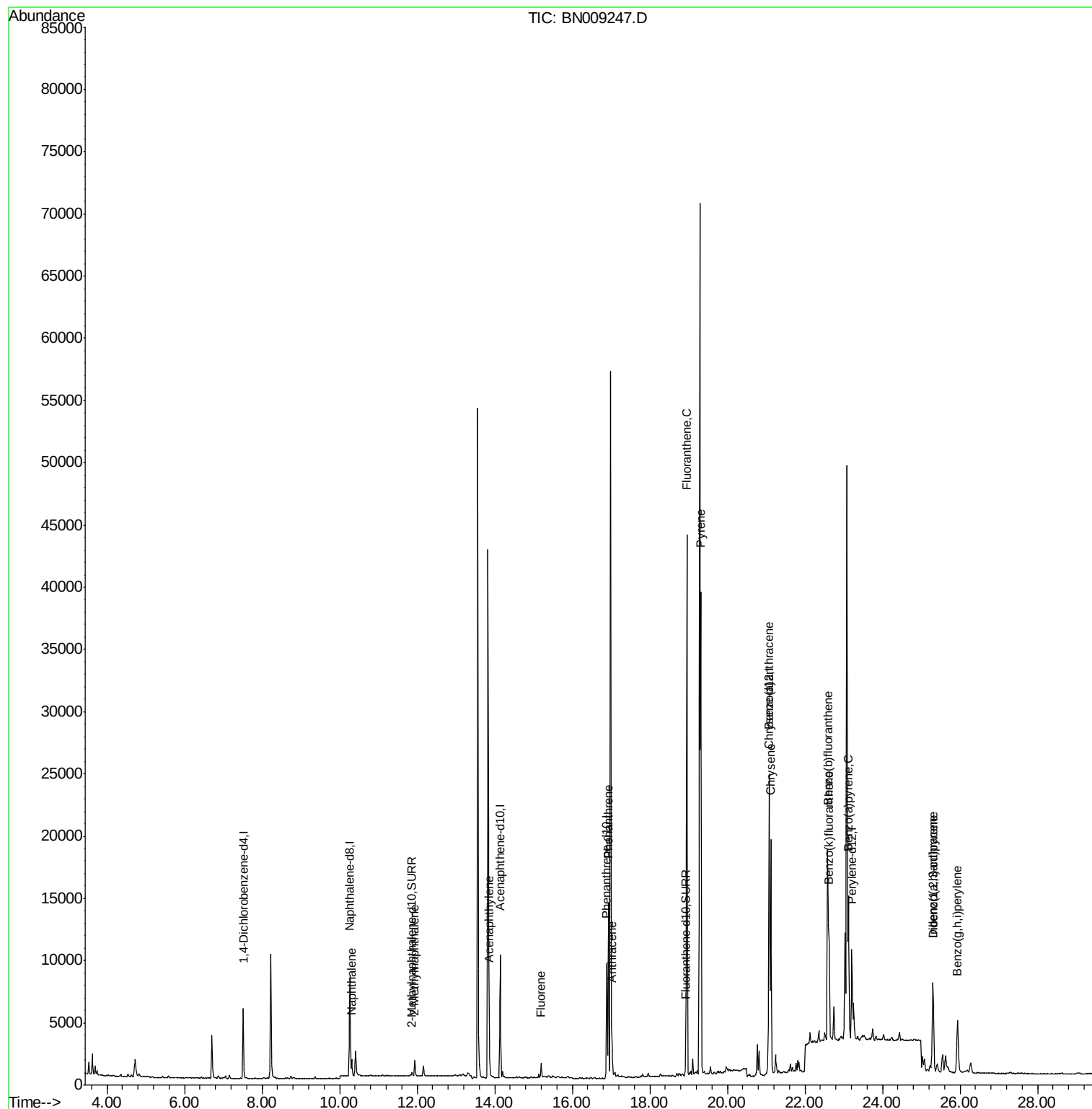
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009247.D
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ALS Vial : 30 Sample Multiplier: 1

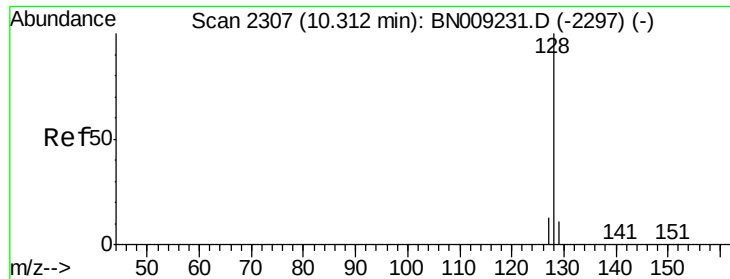
Instrument :
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Quant Time: Dec 29 06:01:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.057 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Instrument :

BNA_N

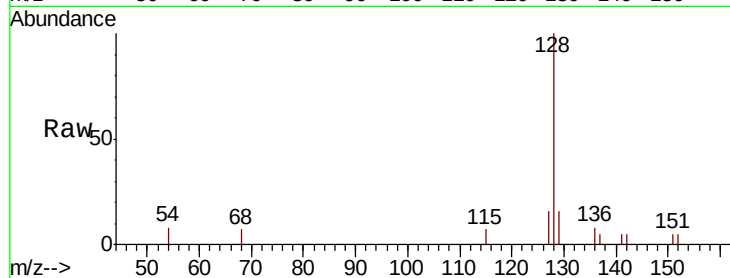
ClientSampleId :

C0C46DL

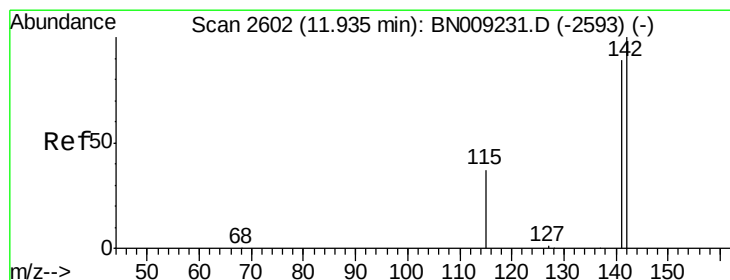
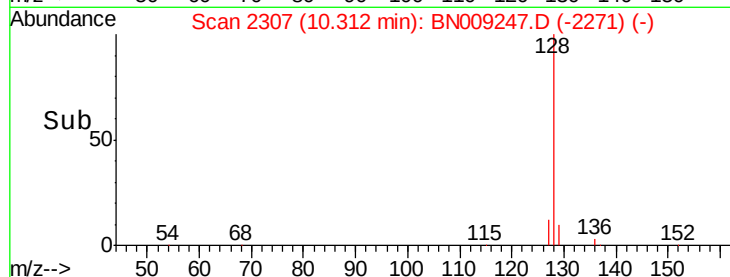
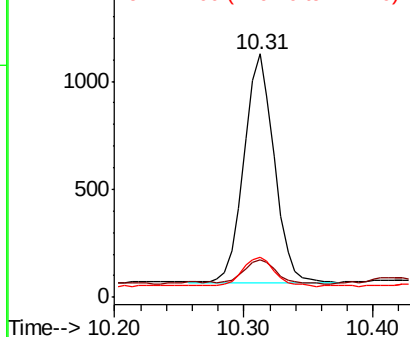
Tot Ion:	128	Resp:	1723
Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.0	13.4#
127	16.2	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

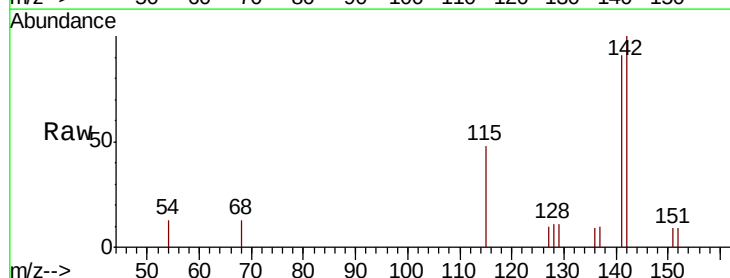
RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

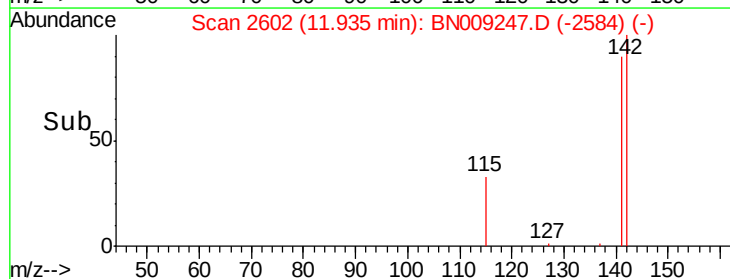
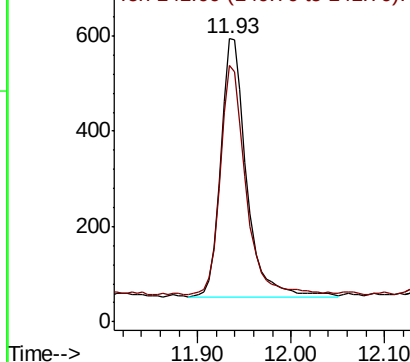
Lab File: BN009247.D

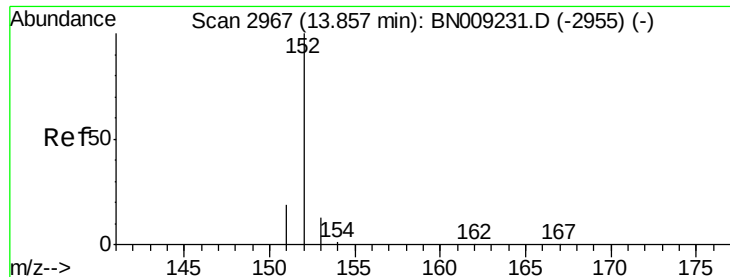
Acq: 29 Dec 2019 02:28

Tgt Ion:	142	Resp:	1021
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.099 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Instrument :

BNA_N

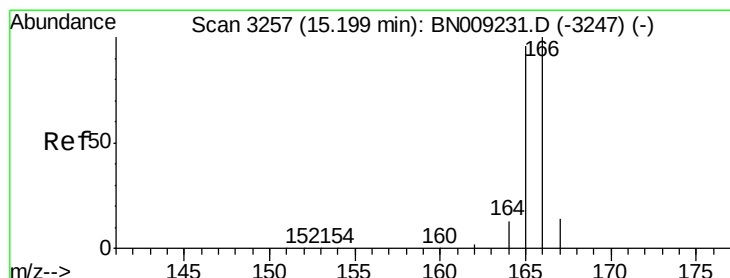
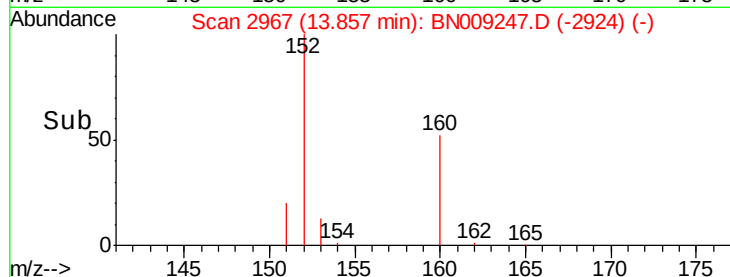
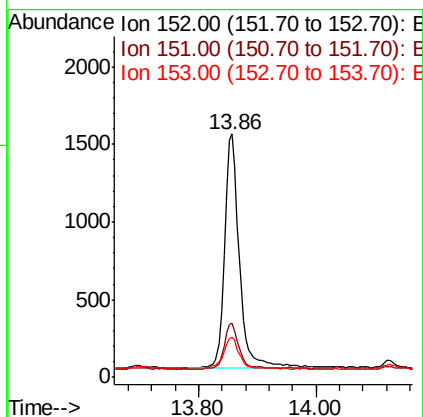
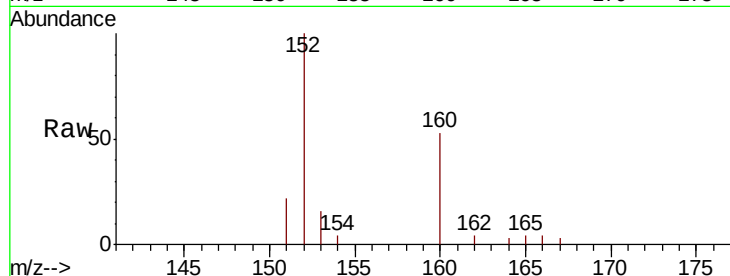
ClientSampleId :

C0C46DL

Tot Ion:	152	Resp:	2712
Ion Ratio	Lower	Upper	
152	100		
151	22.2	15.7	23.5
153	16.3	10.8	16.2#

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#9

Fluorene

Concen: 0.031 ng/ul

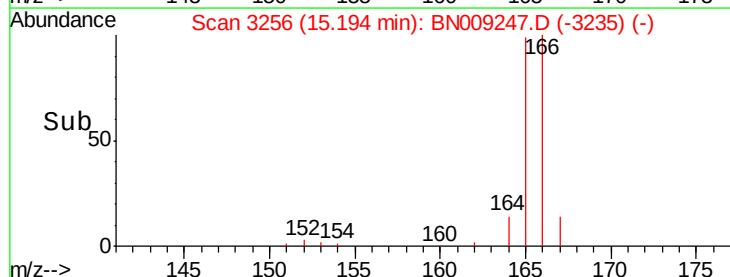
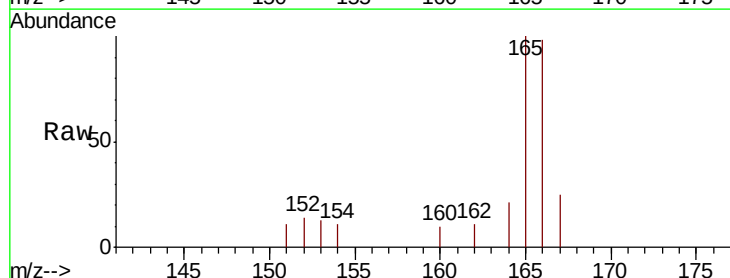
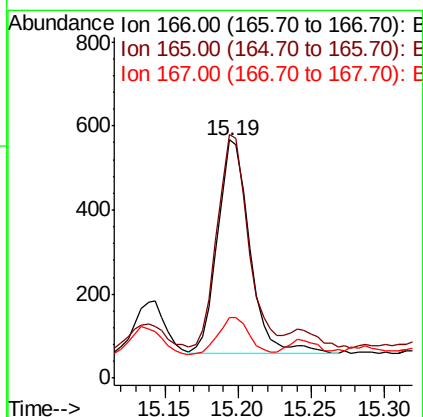
RT: 15.19 min Scan# 3256

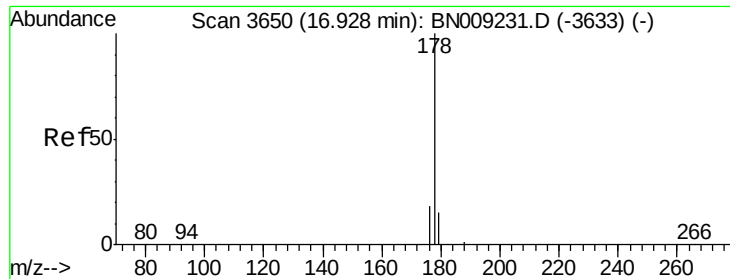
Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Tgt Ion:	166	Resp:	772
Ion Ratio	Lower	Upper	
166	100		
165	102.1	78.2	117.4
167	25.6	11.0	16.6#





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Instrument :

BNA_N

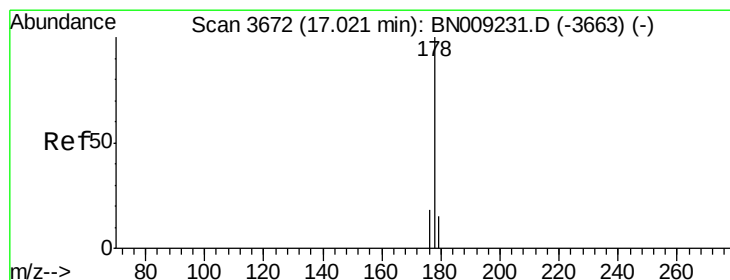
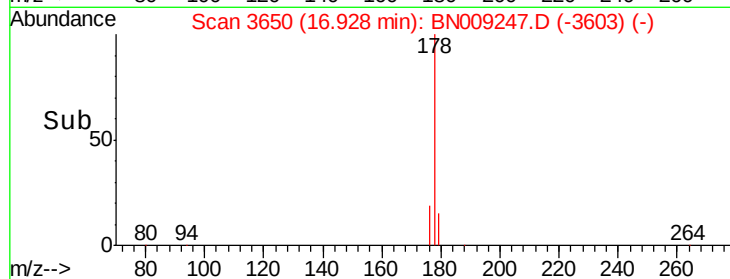
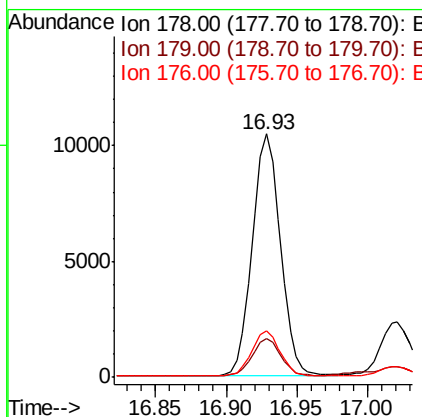
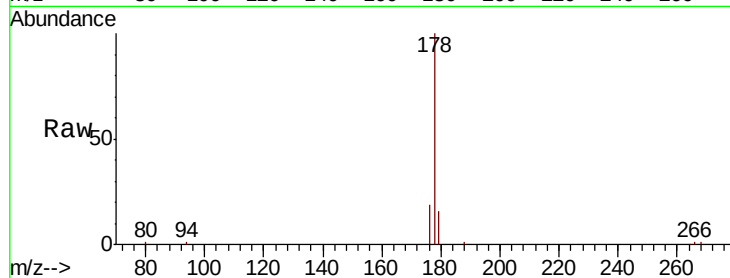
ClientSampleId :

C0C46DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.1	15.1	22.7

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#13

Anthracene

Concen: 0.104 ng/ul

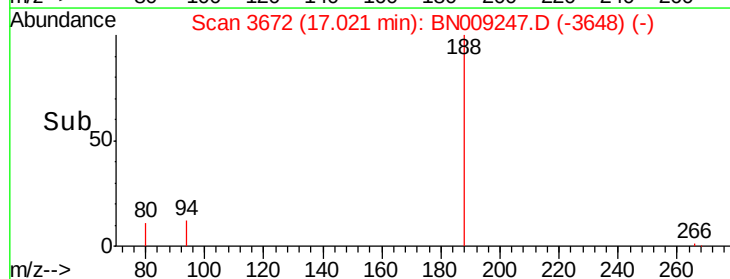
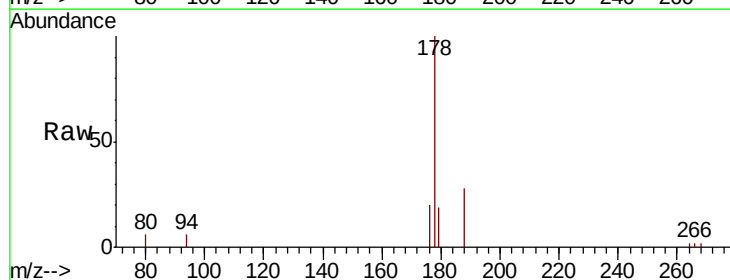
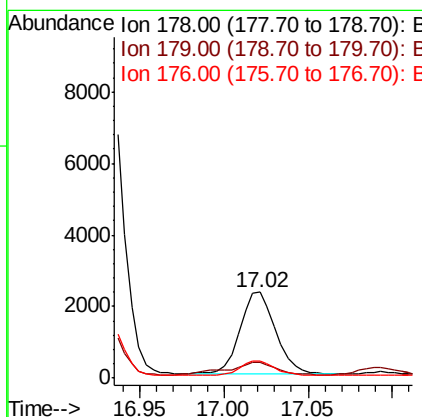
RT: 17.02 min Scan# 3672

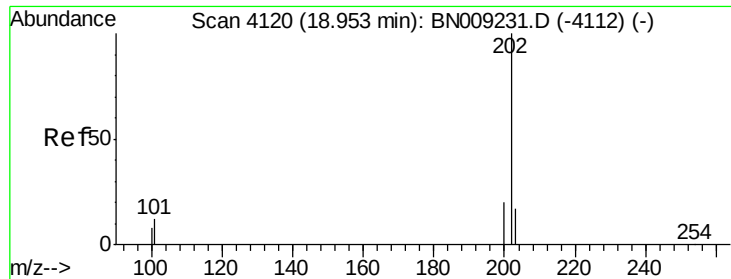
Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.5	18.7
176	20.1	14.9	22.3





#15

Fluoranthene

Concen: 0.917 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Instrument :

BNA_N

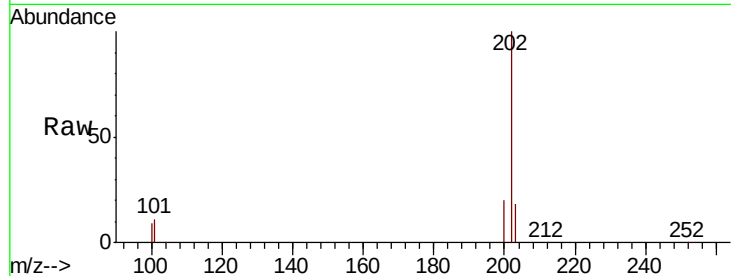
ClientSampleId :

C0C46DL

Tot Ion:	202	Resp:	37727
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.5
100	8.6	0.0	28.9

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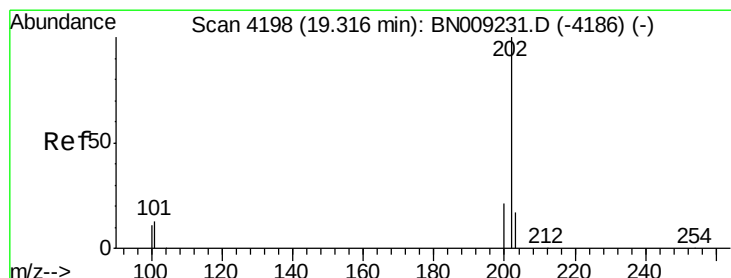
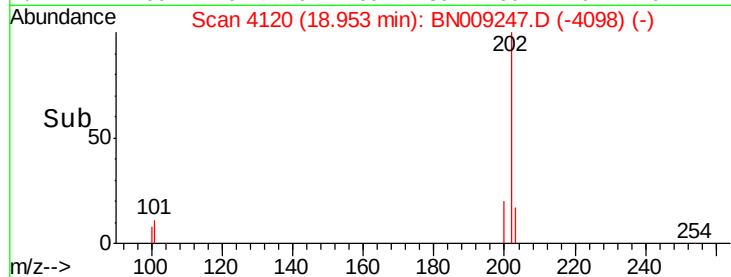
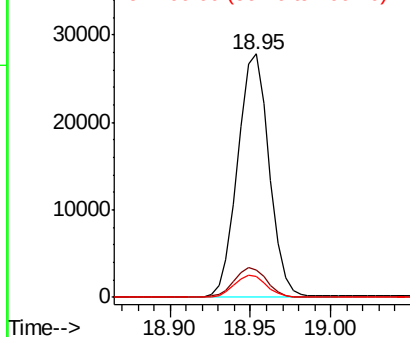


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.767 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. -0.00 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

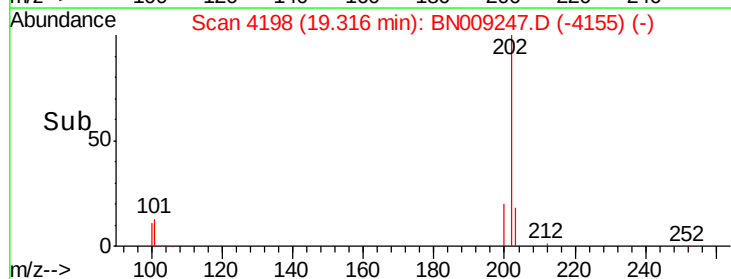
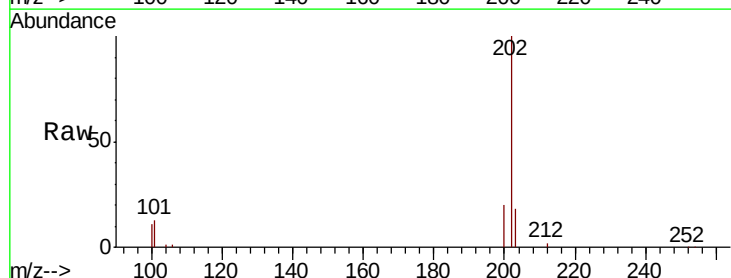
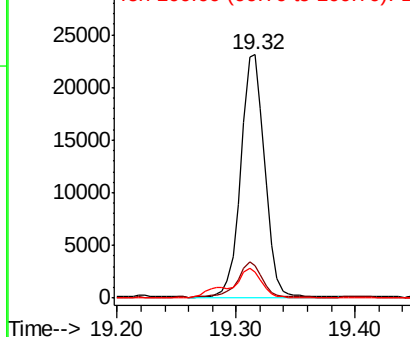
Tgt Ion:	202	Resp:	31893
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	10.8	9.0	13.6

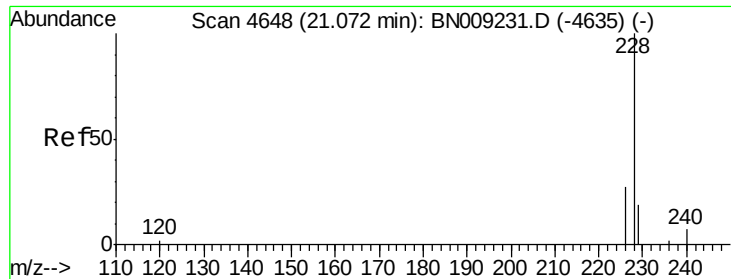
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





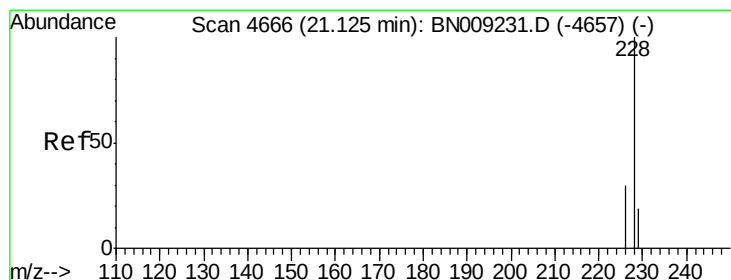
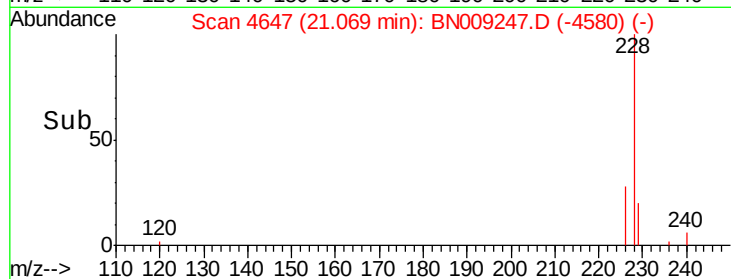
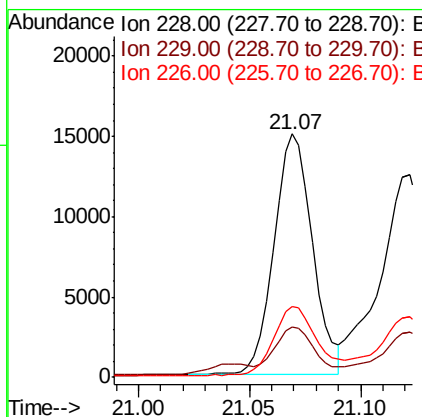
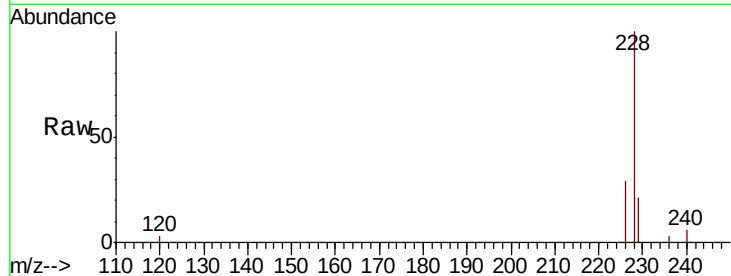
#18
Benzo(a)anthracene
Concen: 0.498 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Instrument :
BNA_N
ClientSampleId :
C0C46DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	29.2	21.7	32.5

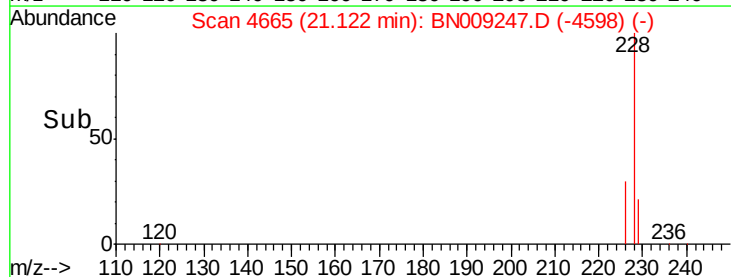
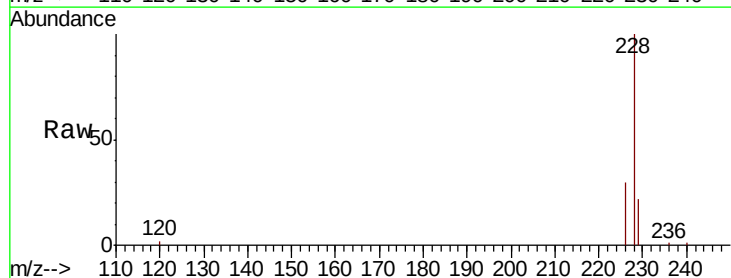
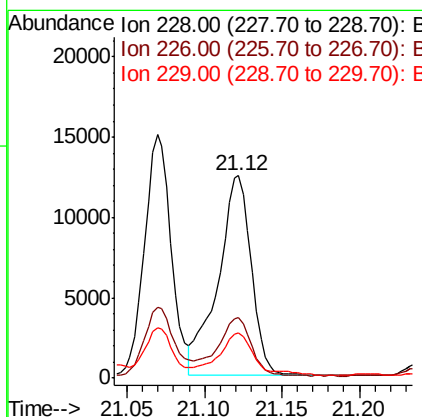
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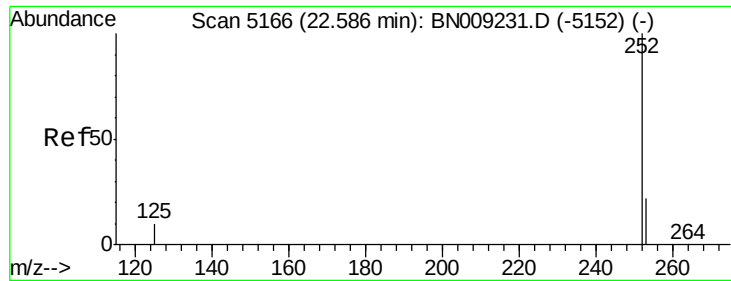
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#19
Chrysene
Concen: 0.515 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	22.3	15.4	23.0





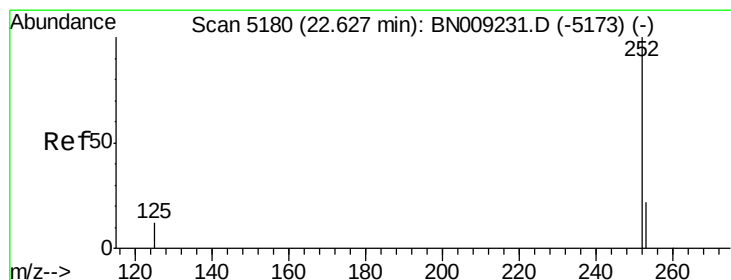
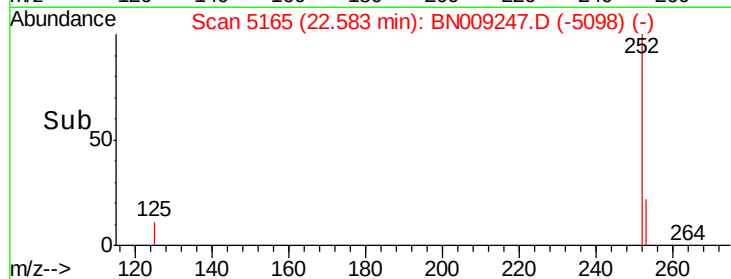
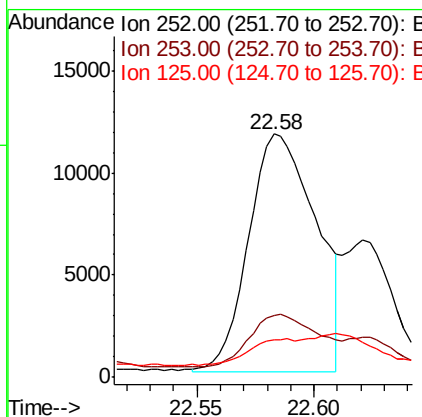
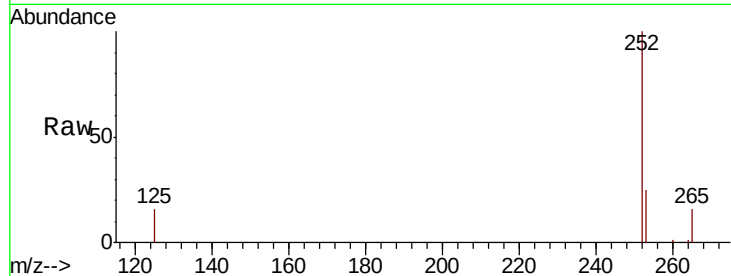
#21
Benzo(b)fluoranthene
Concen: 0.595 ng/ul m
RT: 22.58 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Instrument :
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ClientSampleId :
C0C46DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	23283		
253	25.5	0.0	48.2	
125	15.6	0.0	30.0	

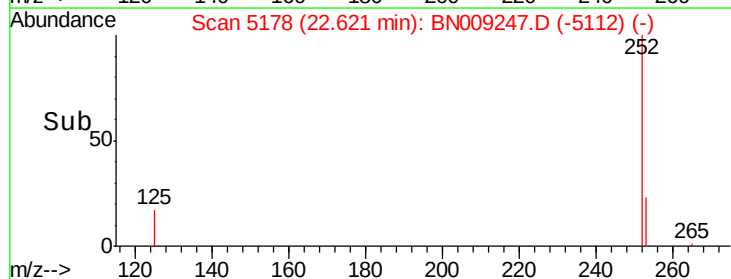
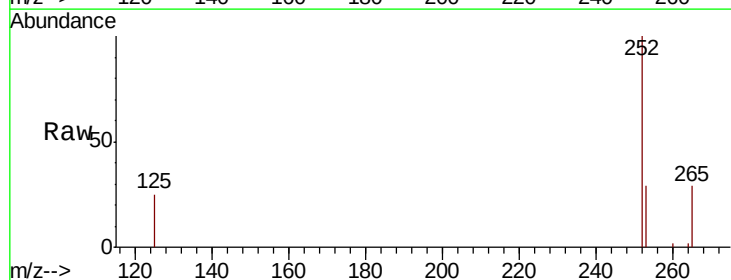
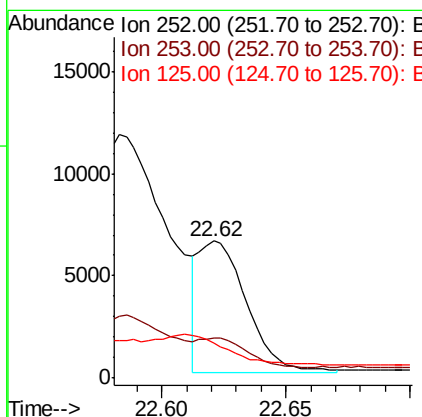
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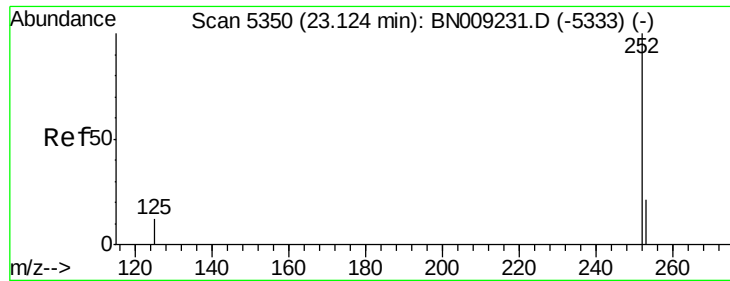
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#22
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.62 min Scan# 5178
Delta R.T. -0.01 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8583		
253	29.4	19.4	29.0#	
125	25.3	12.4	18.6#	





#23

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Instrument :

BNA_N

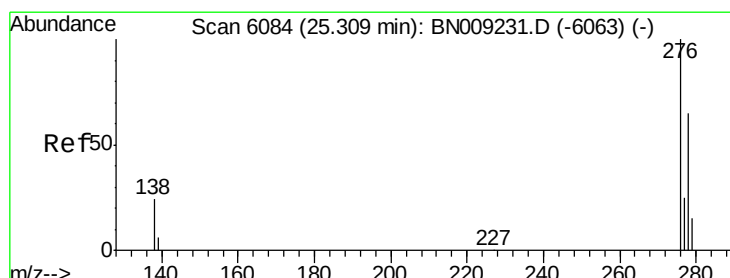
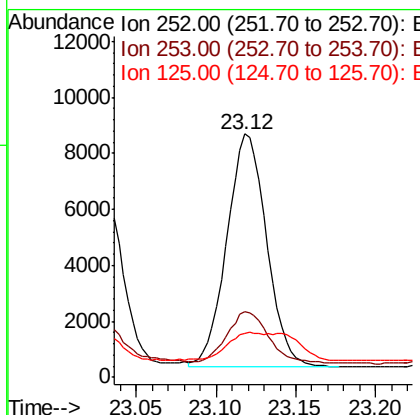
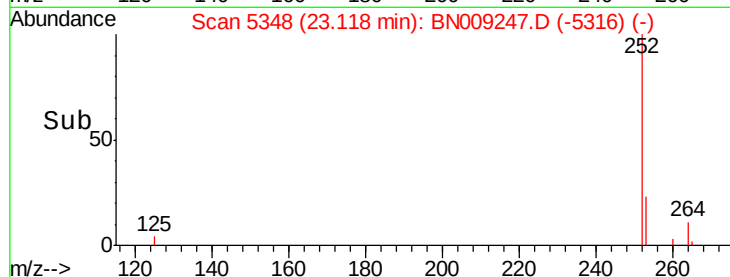
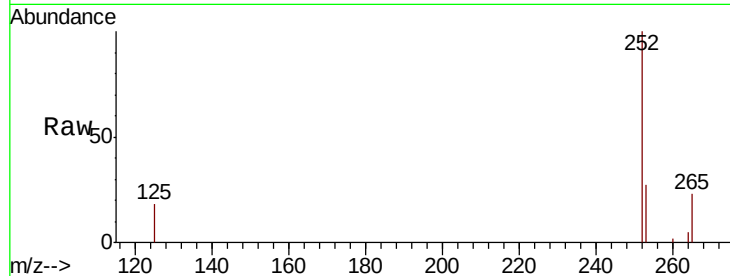
ClientSampleId :

C0C46DL

Tot Ion:	252	Resp:	14401
Ion Ratio	Lower	Upper	
252	100		
253	27.1	20.2	30.4
125	18.0	13.2	19.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.278 ng/ul

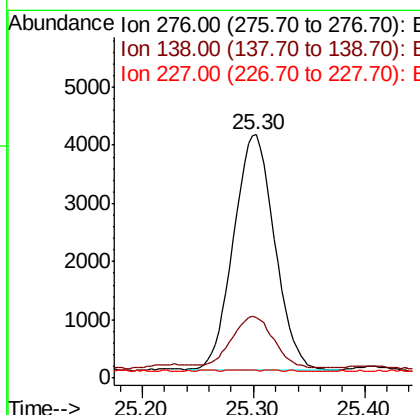
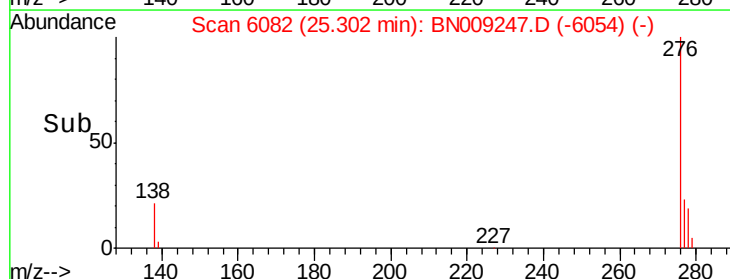
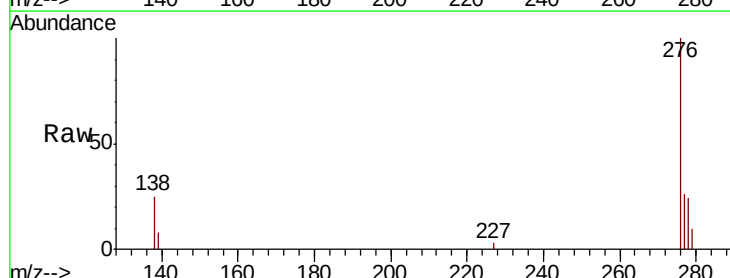
RT: 25.30 min Scan# 6082

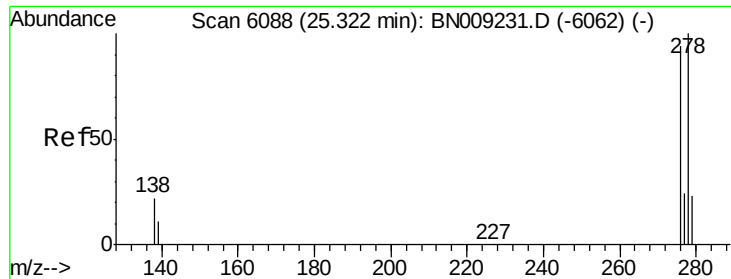
Delta R.T. -0.01 min

Lab File: BN009247.D

Acq: 29 Dec 2019 02:28

Tgt Ion:	276	Resp:	10401
Ion Ratio	Lower	Upper	
276	100		
138	22.4	22.4	33.6#
227	0.1	0.2	0.4#





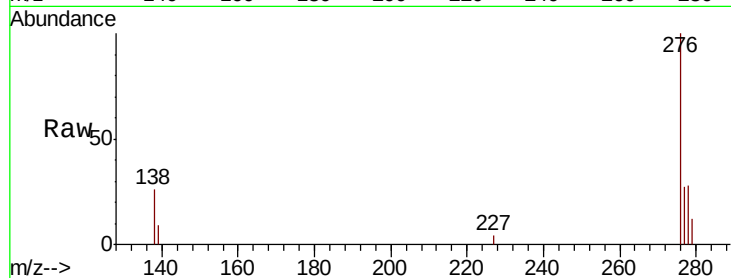
#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Instrument :
BNA_N
ClientSampleId :
C0C46DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.5	16.2	24.2#
279	43.4	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/29/2019 5:33:38 PM

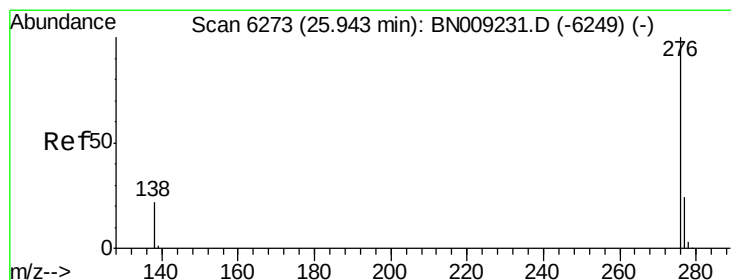
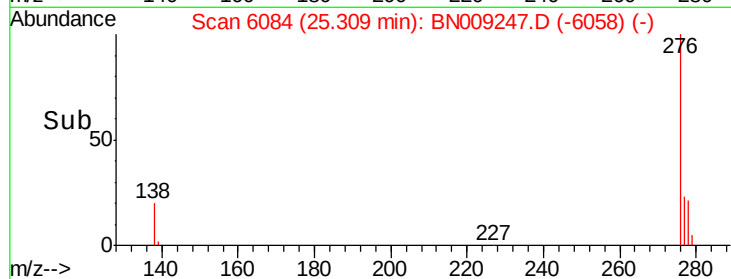
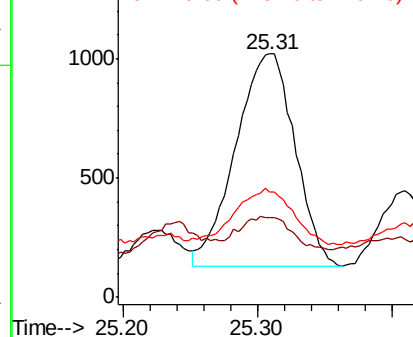


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 25.93 min Scan# 6270
Delta R.T. -0.01 min
Lab File: BN009247.D
Acq: 29 Dec 2019 02:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.6	30.8
277	27.2	19.6	29.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

